

Title (en)

POLYETHYLENE/POLYCARBONATE ALLOY HAVING HIGH WELD BOND STRENGTH AND PREPARATION METHOD THEREFOR

Title (de)

POLYETHYLEN-POLYCARBONAT-LEGIERUNG MIT HOHER SCHWEISSNAHTFESTIGKEIT UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

ALLIAGE DE POLYÉTHYLÈNE/POLYCARBONATE À RÉSISTANCE DE SOUDURE ÉLEVÉE ET SON PROCÉDÉ DE PRÉPARATION

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Application

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Abstract (en)

The present invention discloses a high weld line strength polyethylene/polycarbonate alloy, including the following components in parts by weight: 5 parts to 40 parts of a polyethylene; 40 parts to 85 parts of a polycarbonate; and 1 part to 15 parts of an ethylene copolymer compatibilizer. The high weld line strength polyethylene/polycarbonate alloy has the advantages of high weld line strength, a good melt index and a good thermal aging resistance.

IPC 8 full level

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